

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Neurology	Adenosine A _{2A} receptor (ADORA _{2A}); ecto-5'-nucleotidase (NT5E; NT; CD73)	<p>Mouse studies suggest inhibiting CD73 could help to improve memory by regulating adenosine signaling in the brain through ADORA_{2A}. In mice, Cd73-derived adenosine was required for the activation and function of Adora_{2a} in the striatum. <i>Cd73</i>-knockout mice showed better performance in memory tasks compared with wild-type controls. Next steps could include identifying and evaluating CD73-specific inhibitors in mouse models.</p> <p>SciBX 6(31); doi:10.1038/scibx.2013.832 Published online Aug. 15, 2013</p>	Patent and licensing status unavailable	<p>Augusto, E. <i>et al. J. Neurosci.</i>; published online July 10, 2013; doi:10.1523/JNEUROSCI.5817-12.2013 Contact: Rodrigo A. Cunha, University of Coimbra, Coimbra, Portugal e-mail: cunharod@gmail.com Contact: Jiang-Fan Chen, Boston University, Boston, Mass. e-mail: chenjf@bu.edu</p>